

=> s HIRE1#

L1 8 HIRE1#

=> duplicate remove

ENTER L# LIST OR (END):11

DUPLICATE PREFERENCE IS 'MEDLINE, BIOSIS, USPATFULL'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L1

L2 5 DUPLICATE REMOVE L1 (3 DUPLICATES REMOVED)

=> d 1-5

L2 ANSWER 1 OF 5 USPATFULL

AN 2002:27095 USPATFULL

TI Method for treatment of neurodegenerative diseases

IN Kim, Tae-Wan, Fort Lee, NJ, UNITED STATES

Tanzi, Rudolph E., Hull, MA, UNITED STATES

Yoo, Andrew S., Fort Lee, NJ, UNITED STATES

PA The General Hospital Corporation (U.S. corporation)

PI US 2002015941 A1 20020207

AI US 2001-814179 A1 20010322 (9)

RLI Continuation of Ser. No. WO 2000-US20138, filed on 25 Jul 2000, UNKNOWN

PRAI US 2000-191109P 20000322 (60)

DT Utility

FS APPLICATION

LN.CNT 1637

INCL INCLM: 435/004.000

INCLS: 514/002.000

NCL NCLM: 435/004.000

NCLS: 514/002.000

IC [7]

ICM: A01N037-18

ICS: A61K038-00; C12Q001-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 2 OF 5 MEDLINE

DUPLICATE 1

AN 2000472655 MEDLINE

DN 20418072 PubMed ID: 10856300

TI Activation of ATF6 and an ATF6 DNA binding site by the endoplasmic reticulum stress response.

AU Wang Y; Shen J; Arenzana N; Tirasophon W; Kaufman R J; Prywes R

CS Department of Biological Sciences, Columbia University, New York, New York 10027, USA.

NC CA50329 (NCI)

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Sep 1) 275 (35) 27013-20.

Journal code: 2985121R. ISSN: 0021-9258.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200010

ED Entered STN: 20001012

Last Updated on STN: 20001012

Entered Medline: 20001003

L2 ANSWER 3 OF 5 MEDLINE

AN 2001052898 MEDLINE

DN 20523811 PubMed ID: 11069889

TI The endoribonuclease activity of mammalian IRE1 autoregulates its mRNA and is required for the unfolded protein response.

AU Tirasophon W; Lee K; Callaghan B; Welihinda A; Kaufman R J

CS Department of Biological Chemistry, University of Michigan Medical Center, Ann Arbor, Michigan 48109-0650, USA.

SO GENES AND DEVELOPMENT, (2000 Nov 1) 14 (21) 2725-36.

Journal code: 8711660. ISSN: 0890-9369.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals  
EM 200012  
ED Entered STN: 20010322  
Last Updated on STN: 20030211  
Entered Medline: 20001212

L2 ANSWER 4 OF 5 MEDLINE DUPLICATE 2  
AN 1999366842 MEDLINE  
DN 99366842 PubMed ID: 10440230  
TI The cellular response to protein misfolding in the endoplasmic reticulum.  
AU Welihinda A A; Tirasophon W; Kaufman R J  
CS Department of Biological Chemistry, The University of Michigan Medical Center, Ann Arbor 48109-0650, USA.  
SO GENE EXPRESSION, (1999) 7 (4-6) 293-300. Ref: 51  
Journal code: 9200651. ISSN: 1052-2166.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 199910  
ED Entered STN: 19991101  
Last Updated on STN: 19991101  
Entered Medline: 19991020

L2 ANSWER 5 OF 5 MEDLINE DUPLICATE 3  
AN 1998301437 MEDLINE  
DN 98301437 PubMed ID: 9637683  
TI A stress response pathway from the endoplasmic reticulum to the nucleus requires a novel bifunctional protein kinase/endoribonuclease (Irelp) in mammalian cells.  
AU Tirasophon W; Welihinda A A; Kaufman R J  
CS Department of Biological Chemistry and the Howard Hughes Medical Institute, University of Michigan Medical Center, Ann Arbor, Michigan 48109, USA.  
SO GENES AND DEVELOPMENT, (1998 Jun 15) 12 (12) 1812-24.  
Journal code: 8711660. ISSN: 0890-9369.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AF059198  
EM 199807  
ED Entered STN: 19980811  
Last Updated on STN: 20030218  
Entered Medline: 19980727

=> s IRE1#

L3 289 IRE1#

=> s l3 (12a) mammalian

L4 54 L3 (12a) MAMMALIAN

=> duplicate remove

ENTER L# LIST OR (END):l4

DUPLICATE PREFERENCE IS 'MEDLINE, BIOSIS, USPATFULL'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L4

L5 40 DUPLICATE REMOVE L4 (14 DUPLICATES REMOVED)

=> d 1-40

L5 ANSWER 1 OF 40 MEDLINE  
AN 2003075431 MEDLINE  
DN 22474008 PubMed ID: 12586055  
TI IRE1: a role in UPRegulation of ER degradation.  
CM Comment on: Dev Cell. 2003 Feb;4(2):265-71

AU Hampton Randolph Y  
 CS Division of Biological Sciences, Section of Cell and Developmental  
 Biology, University of California, San Diego, La Jolla, CA 92103, USA.  
 SO Dev Cell, (2003 Feb) 4 (2) 144-6. Ref: 10  
 Journal code: 101120028. ISSN: 1534-5807.  
 CY United States  
 DT Commentary  
 Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LA English  
 FS Priority Journals  
 EM 200303  
 ED Entered STN: 20030215  
 Last Updated on STN: 20030316  
 Entered Medline: 20030314

L5 ANSWER 2 OF 40 USPATFULL  
 AN 2003:10578 USPATFULL  
 TI Methods of screening test substances for treating or preventing diseases  
 involving an oxidative stress  
 IN Ron, David, New York, NY, UNITED STATES  
 Harding, Heather P., Brooklyn, NY, UNITED STATES  
 PA New York University (U.S. corporation)  
 PI US 2003008272 A1 20030109  
 AI US 2002-150759 A1 20020517 (10)  
 PRAI US 2001-292054P 20010518 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 2567  
 INCL INCLM: 435/004.000  
 INCLS: 435/006.000  
 NCL NCLM: 435/004.000  
 NCLS: 435/006.000  
 IC [7]  
 ICM: C12Q001-00  
 ICS: C12Q001-68  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 40 MEDLINE DUPLICATE 1  
 AN 2003075445 MEDLINE  
 DN 22474022 PubMed ID: 12586069  
 TI ~~A time-dependent-phase-shift-in-the mammalian unfolded protein response.~~  
 CM Comment in: Dev Cell. 2003 Feb;4(2):144-6  
 AU Yoshida Hiderou; Matsui Toshie; Hosokawa Nobuko; Kaufman Randal J; Nagata  
 Kazuhiro; Mori Kazutoshi  
 CS Graduate School of Biostudies, Kyoto University, Kyoto 606-8304, Japan.  
 NC AI42394 (NIAID)  
 SO Dev Cell, (2003 Feb) 4 (2) 265-71.  
 Journal code: 101120028. ISSN: 1534-5807.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200303  
 ED Entered STN: 20030215  
 Last Updated on STN: 20030316  
 Entered Medline: 20030314

L5 ANSWER 4 OF 40 MEDLINE  
 AN 2003068652 IN-PROCESS  
 DN 22466728 PubMed ID: 12579374  
 TI Differential expression of genes influenced by changing salinity using RNA  
 arbitrarily primed PCR in the archaeal halophile Haloferax volcanii.  
 AU Bidle Kelly A  
 CS Marine Biology Research Division, Scripps Institution of Oceanography, La  
 Jolla, CA 92093-0202, USA, . kbidle@rider.edu  
 SO EXTREMOPHILES, (2003 Feb) 7 (1) 1-7.  
 Journal code: 9706854. ISSN: 1431-0651.

CY Germany: Germany, Federal Republic of  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS IN-PROCESS; NONINDEXED; Priority Journals; Space Life Sciences  
 ED Entered STN: 20030212  
 Last Updated on STN: 20030212

L5 ANSWER 5 OF 40 USPATFULL  
 AN 2002:287545 USPATFULL  
 TI 2ER membrane and luminal protein interaction yeast two-hybrid assay  
 IN Pelletier, Marc F., Branford, CT, UNITED STATES  
 Jansen, Gregor, Montreal, CANADA  
 Bergeron, John J.M., Pointe-Claire, CANADA  
 Thomas, David Y., Montreal-West, CANADA  
 PA NATIONAL RESEARCH COUNCIL OF CANADA, Ottawa, ON, CANADA (U.S. corporation)  
 PI US 2002160408 A1 20021031  
 AI US 2002-118937 A1 20020410 (10)  
 PRAI CA 2001-2358758 20011009  
 US 2001-282854P 20010411 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 533  
 INCL INCLM: 435/006.000  
 INCLS: 435/254.200; 435/483.000  
 NCL NCLM: 435/006.000  
 NCLS: 435/254.200; 435/483.000  
 IC [7]  
 ICM: C12Q001-68  
 ICS: C12N001-18; C12N015-74  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 6 OF 40 USPATFULL  
 AN 2002:175281 USPATFULL  
 TI Genetic selection method for identifying ligands for transmembrane proteins  
 IN Silver, Pamela, Cambridge, MA, United States  
 Roberts, Tom, Cambridge, MA, United States  
 Stiles, Charles, Newton, MA, United States  
 PA Dana-Farber Cancer Institute, Inc., Boston, MA, United States (U.S. corporation)  
 PI US 6420529 B1 20020716  
 AI ~~US 1998-35233~~ ~~19980305~~ (9)  
 PRAI US 1997-39295P 19970307 (60)  
 DT Utility  
 FS GRANTED  
 LN.CNT 652  
 INCL INCLM: 530/371.000  
 INCLS: 530/350.000; 536/023.500; 435/069.700  
 NCL NCLM: 530/371.000  
 NCLS: 435/069.700; 530/350.000; 536/023.500  
 IC [7]  
 ICM: C07K019-00  
 EXF 530/350; 530/371; 435/69.1; 435/69.7; 435/252.3; 435/254.11; 536/23.5  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 7 OF 40 MEDLINE  
 AN 2002688867 MEDLINE  
 DN 22337234 PubMed ID: 12446770  
 TI Heat shock protein 90 modulates the unfolded protein response by stabilizing IRE1alpha.  
 AU Marcu Monica G; Doyle Melissa; Bertolotti Anne; Ron David; Hendershot Linda; Neckers Len  
 CS Cell and Cancer Biology Branch, National Cancer Institute, National Institutes of Health, Rockville, Maryland 20850, USA.  
 SO MOLECULAR AND CELLULAR BIOLOGY, (2002 Dec) 22 (24) 8506-13.  
 Journal code: 8109087. ISSN: 0270-7306.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)

LA English  
FS Priority Journals  
EM 200301  
ED Entered STN: 20021214  
Last Updated on STN: 20030114  
Entered Medline: 20030113

L5 ANSWER 8 OF 40 MEDLINE DUPLICATE 2  
AN 2002442354 MEDLINE  
DN 22188269 PubMed ID: 12200314  
TI Rickettsia monacensis sp. nov., a spotted fever group Rickettsia, from ticks (Ixodes ricinus) collected in a European city park.  
AU Simser Jason A; Palmer Ann T; Fingerle Volker; Wilske Bettina; Kurtti Timothy J; Munderloh Ulrike G  
CS Department of Entomology, University of Minnesota, St. Paul, Minnesota 55108, USA.  
NC AI49424 (NIAID)  
AR37909 (NIAMS)  
SO APPLIED AND ENVIRONMENTAL MICROBIOLOGY, (2002 Sep) 68 (9) 4559-66.  
Journal code: 7605801. ISSN: 0099-2240.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200210  
ED Entered STN: 20020830  
Last Updated on STN: 20021012  
Entered Medline: 20021011

L5 ANSWER 9 OF 40 MEDLINE  
AN 2002678457 MEDLINE  
DN 22326498 PubMed ID: 12438434  
TI Orchestrating the unfolded protein response in health and disease.  
AU Kaufman Randal J  
CS Department of Biological Chemistry, Howard Hughes Medical Institute, University of Michigan Medical Center, Ann Arbor 48109-0650, USA..  
kaufmanr@umich.edu  
NC AI-42394 (NIAID)  
SO JOURNAL OF CLINICAL INVESTIGATION, (2002 Nov) 110 (10) 1389-98. Ref: 88  
Journal code: 7802877. ISSN: 0021-9738.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
~~General Review; (REVIEW)~~  
(REVIEW, TUTORIAL)

LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 200301  
ED Entered STN: 20021120  
Last Updated on STN: 20030202  
Entered Medline: 20030131

L5 ANSWER 10 OF 40 MEDLINE  
AN 2002308047 MEDLINE  
DN 22045257 PubMed ID: 12050113  
TI ASK1 is essential for endoplasmic reticulum stress-induced neuronal cell death triggered by expanded polyglutamine repeats.  
AU Nishitoh Hideki; Matsuzawa Atsushi; Tobiume Kei; Saegusa Kaoru; Takeda Kohsuke; Inoue Kiyoshi; Hori Seiji; Kakizuka Akira; Ichijo Hidenori  
CS Laboratory of Cell Signaling, Graduate School, Tokyo Medical and Dental University, Bunkyo-ku 113-8549, Japan.  
SO GENES AND DEVELOPMENT, (2002 Jun 1) 16 (11) 1345-55.  
Journal code: 8711660. ISSN: 0890-9369.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200207  
ED Entered STN: 20020611  
Last Updated on STN: 20020707

Entered Medline: 20020705

L5 ANSWER 11 OF 40 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AN 2002:369674 BIOSIS  
DN PREV200200369674  
TI Transcription factors activated by ER stress.  
AU Mori, Kazutoshi (1)  
CS (1) Graduate School of Biostudies, Kyoto University, 46-29  
Yoshida-Shimoadachi, Sakyo-ku, Kyoto, Kyoto, 606-8304 Japan  
SO FASEB Journal, (March 22, 2002) Vol. 16, No. 5, pp. A892.  
http://www.fasebj.org/. print.  
Meeting Info.: Annual Meeting of Professional Research Scientists on  
Experimental Biology New Orleans, Louisiana, USA April 20-24, 2002  
ISSN: 0892-6638.  
DT Conference  
LA English

L5 ANSWER 12 OF 40 MEDLINE  
AN 2002130037 MEDLINE  
DN 21838686 PubMed ID: 11850408  
TI IRE1-mediated unconventional mRNA splicing and S2P-mediated ATF6 cleavage  
merge to regulate XBP1 in signaling the unfolded protein response.  
AU Lee Kyungho; Tirasophon Witoon; Shen Xiaohua; Michalak Marek; Prywes Ron;  
Okada Tetsuya; Yoshida Hiderou; Mori Kazutoshi; Kaufman Randal J  
CS Howard Hughes Medical Institute, University of Michigan Medical Center,  
Ann Arbor, Michigan 48109, USA.  
NC AI42394 (NIAID)  
SO GENES AND DEVELOPMENT, (2002 Feb 15) 16 (4) 452-66.  
Journal code: 8711660. ISSN: 0890-9369.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200204  
ED Entered STN: 20020228  
Last Updated on STN: 20020406  
Entered Medline: 20020405

L5 ANSWER 13 OF 40 MEDLINE  
AN 2002054241 MEDLINE  
DN 21638821 PubMed ID: 11780124  
TI IRE1 couples endoplasmic reticulum load to secretory capacity by  
processing the XBP-1 mRNA.  
CM Erratum in: Nature 2002 Nov 14;420(6912):202  
AU Calfon Marcella; Zeng Huiqing; Urano Fumihiko; Till Jeffery H; Hubbard  
Stevan R; Harding Heather P; Clark Scott G; Ron David  
CS Skirball Institute of Biomolecular Medicine, New York University School of  
Medicine, New York, NY 10016, USA.  
SO NATURE, (2002 Jan 3) 415 (6867) 92-6.  
Journal code: 0410462. ISSN: 0028-0836.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200201  
ED Entered STN: 20020125  
Last Updated on STN: 20021214  
Entered Medline: 20020129

L5 ANSWER 14 OF 40 MEDLINE  
AN 2001701265 MEDLINE  
DN 21617755 PubMed ID: 11742232  
TI Up-regulation of the Ire1-mediated signaling molecule, Bip, in ischemic  
rat brain.  
AU Ito D; Tanaka K; Suzuki S; Dembo T; Kosakai A; Fukuuchi Y  
CS Department of Neurology, School of Medicine, Keio University, 35  
Shinanomachi, Shinjuku-ku, Tokyo, 160-8582, Japan.  
SO NEUROREPORT, (2001 Dec 21) 12 (18) 4023-8.  
Journal code: 9100935. ISSN: 0959-4965.

CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200203  
ED Entered STN: 20011220  
Last Updated on STN: 20020319  
Entered Medline: 20020318

L5 ANSWER 15 OF 40 MEDLINE DUPLICATE 3  
AN 2001543347 MEDLINE  
DN 21474380 PubMed ID: 11590247  
TI Alterations in an IRE1-RNA complex in the mammalian  
unfolded protein response.  
AU Bertolotti A; Ron D  
CS Skirball Institute of Biomolecular Medicine, and the Kaplan Cancer Center,  
New York University School of Medicine, New York, NY 10016, USA.  
NC DK47119 (NIDDK)  
ES08681 (NIEHS)  
SO JOURNAL OF CELL SCIENCE, (2001 Sep) 114 (Pt 17) 3207-12.  
Journal code: 0052457. ISSN: 0021-9533.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200112  
ED Entered STN: 20011010  
Last Updated on STN: 20020420  
Entered Medline: 20011231

L5 ANSWER 16 OF 40 MEDLINE DUPLICATE 4  
AN 2001653439 MEDLINE  
DN 21563069 PubMed ID: 11706177  
TI Molecular characterization of two Arabidopsis Ire1 homologs, endoplasmic  
reticulum-located transmembrane protein kinases.  
AU Koizumi N; Martinez I M; Kimata Y; Kohno K; Sano H; Chrispeels M J  
CS Division of Biology, University of California San Diego, La Jolla, CA  
92039-0116, USA.  
SO PLANT PHYSIOLOGY, (2001 Nov) 127 (3) 949-62.  
Journal code: 0401224. ISSN: 0032-0889.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200202  
ED Entered STN: 20011114  
Last Updated on STN: 20030211  
Entered Medline: 20020214

L5 ANSWER 17 OF 40 MEDLINE DUPLICATE 5  
AN 2001517159 MEDLINE  
DN 21448112 PubMed ID: 11563865  
TI Differences in HAC1 mRNA processing and translation between yeast and  
mammalian cells indicate divergence of the eukaryotic ER stress response.  
AU Bowring C E; Llewellyn D H  
CS Department of Medical Biochemistry, University of Wales College of  
Medicine, Heath Park, Cardiff, Wales, CF14 4XN, United Kingdom.  
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2001 Sep 28) 287 (3)  
789-800.  
Journal code: 0372516. ISSN: 0006-291X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200111  
ED Entered STN: 20010924  
Last Updated on STN: 20030218  
Entered Medline: 20011101

L5 ANSWER 18 OF 40 MEDLIN  
AN 2001680227 MEDLINE  
DN 21583221 PubMed ID: 11726207  
TI Activation of JNK and transcriptional repressor ATF3/LRF1 through the  
IRE1/TRAF2 pathway is implicated in human vascular endothelial cell death  
by homocysteine.  
AU Zhang C; Kawauchi J; Adachi M T; Hashimoto Y; Oshiro S; Aso T; Kitajima S  
CS Department of Biochemical Genetics, Medical Research Institute, Tokyo  
Medical and Dental University, 1-5-45, Yushima, Bunkyo-ku, Tokyo 113-8510,  
Japan.  
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2001 Dec 7) 289 (3)  
718-24.  
Journal code: 0372516. ISSN: 0006-291X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200201  
ED Entered STN: 20011203  
Last Updated on STN: 20020420  
Entered Medline: 20020102

L5 ANSWER 19 OF 40 MEDLINE  
AN 2001160056 MEDLINE  
DN 21136035 PubMed ID: 11238559  
TI Increased sensitivity to dextran sodium sulfate colitis in  
IRE1beta-deficient mice.  
AU Bertolotti A; Wang X; Novoa I; Jungreis R; Schlessinger K; Cho J H; West A  
B; Ron D  
CS Skirball Institute of Biomolecular Medicine, Departments of Medicine and  
Cell Biology, and the Kaplan Cancer Center, New York University School of  
Medicine, New York, New York, USA.  
NC CA-60945 (NCI)  
DK-47119 (NIDDK)  
SO JOURNAL OF CLINICAL INVESTIGATION, (2001 Mar) 107 (5) 585-93.  
Journal code: 7802877. ISSN: 0021-9738.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 200104  
ED Entered STN: 20010417  
~~Last Updated on STN: 20020420~~  
Entered Medline: 20010412

L5 ANSWER 20 OF 40 MEDLINE  
AN 2001241921 MEDLINE  
DN 21242533 PubMed ID: 11343907  
TI Intracellular signaling from the endoplasmic reticulum to the nucleus: the  
unfolded protein response in yeast and mammals.  
AU Patil C; Walter P  
CS Howard Hughes Medical Institute, Department of Biochemistry and  
Biophysics, University of California at San Francisco, San Francisco, CA  
94143, USA.  
SO CURRENT OPINION IN CELL BIOLOGY, (2001 Jun) 13 (3) 349-55. Ref: 54  
Journal code: 8913428. ISSN: 0955-0674.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 200107  
ED Entered STN: 20010723  
Last Updated on STN: 20030211  
Entered Medline: 20010719

L5 ANSWER 21 OF 40 MEDLINE  
AN 2002612087 MEDLINE



DN 22257441 PubMed ID: 12373  
TI Mif1: a missing link between the unfolded protein response pathway and  
ER-associated protein degradation?.  
AU van Laar T; van der Eb A J; Terleth C  
CS MGC-Department of Radiation Genetics and Chemical Mutagenesis, P. O. Box  
9503, 2300 RA Leiden, the Netherlands.. T.van\_Laar@LUMC.nl  
SO Curr Protein Pept Sci, (2001 Jun) 2 (2) 169-90. Ref: 128  
Journal code: 100960529. ISSN: 1389-2037.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, ACADEMIC)  
LA English  
FS Priority Journals  
EM 200211  
ED Entered STN: 20021010  
Last Updated on STN: 20021213  
Entered Medline: 20021112

L5 ANSWER 22 OF 40 MEDLINE  
AN 2001180199 MEDLINE  
DN 21113121 PubMed ID: 11175748  
TI Translational control by the ER transmembrane kinase/ribonuclease IRE1  
under ER stress.  
AU Iwawaki T; Hosoda A; Okuda T; Kamigori Y; Nomura-Furuwatari C; Kimata Y;  
Tsuru A; Kohno K  
CS Research and Education Center for Genetic Information, Nara Institute of  
Science and Technology, 8916-5, Takayama, Ikoma, Nara 630-0101, Japan.  
SO NATURE CELL BIOLOGY, (2001 Feb) 3 (2) 158-64.  
Journal code: 100890575. ISSN: 1465-7392.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AA088547; GENBANK-AB047079  
EM 200103  
ED Entered STN: 20010404  
Last Updated on STN: 20020420  
Entered Medline: 20010329

L5 ANSWER 23 OF 40 MEDLINE  
AN 2000283884 MEDLINE  
~~DN 20283884 PubMed ID: 10823929~~  
TI In search of gamma-secretase: presenilin at the cutting edge.  
CM Comment on: Proc Natl Acad Sci U S A. 2000 May 23;97(11):6138-43  
AU Selkoe D J; Wolfe M S  
CS Center for Neurologic Diseases, Harvard Medical School and Brigham and  
Women's Hospital, 77 Avenue Louis Pasteur, HIM 730, Boston, MA 02115,  
USA.. selkoe@cnd.bwh.harvard.edu  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
AMERICA, (2000 May 23) 97 (11) 5690-2.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Commentary  
Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200006  
ED Entered STN: 20000714  
Last Updated on STN: 20020420  
Entered Medline: 20000630

L5 ANSWER 24 OF 40 MEDLINE  
AN 2001076244 MEDLINE  
DN 20524004 PubMed ID: 11058174  
TI Pausing to decide.  
CM Comment on: Proc Natl Acad Sci U S A. 2000 Nov 7;97(23):12625-30  
AU Niwa M; Walter P  
CS Howard Hughes Medical Institute and Department of Biochemistry and

Biophysics, University of California, San Francisco, CA 9410448, USA.  
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
 AMERICA, (2000 Nov 7) 97 (23) 12396-7. Ref: 16  
 Journal code: 7505876. ISSN: 0027-8424.  
 CY United States  
 DT Commentary  
 Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, TUTORIAL)  
 LA English  
 FS Priority Journals  
 EM 200101  
 ED Entered STN: 20010322  
 Last Updated on STN: 20030218  
 Entered Medline: 20010111

L5 ANSWER 25 OF 40 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AN 2001:21276 BIOSIS  
 DN PREV200100021276  
 TI IRE1 and efferent signaling from the endoplasmic reticulum.  
 AU Urano, Fumihiko; Bertolotti, Anne; Ron, David (1)  
 CS (1) Skirball Institute of Biomolecular Medicine, the Departments of  
 Medicine, Cell Biology and the Kaplan Cancer Center, New York University  
 School of Medicine, New York, NY, 10016: ron@saturn.med.nyu.edu USA  
 SO Journal of Cell Science, (November, 2000) Vol. 113, No. 21, pp. 3697-3702.  
 print.  
 ISSN: 0021-9533.  
 DT Editorial  
 LA English  
 SL English

L5 ANSWER 26 OF 40 MEDLINE  
 AN 2000428445 MEDLINE  
 DN 20387388 PubMed ID: 10835430  
 TI Ligand-independent dimerization activates the stress response kinases IRE1  
 and PERK in the lumen of the endoplasmic reticulum.  
 AU Liu C Y; Schroder M; Kaufman R J  
 CS Howard Hughes Medical Institute and the Department of Biological  
 Chemistry, University of Michigan Medical Center, Ann Arbor, Michigan  
 48109-0650, USA.  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Aug 11) 275 (32) 24881-5.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200009  
 ED Entered STN: 20000922  
 Last Updated on STN: 20020420  
 Entered Medline: 20000914

L5 ANSWER 27 OF 40 MEDLINE DUPLICATE 6  
 AN 2000325333 MEDLINE  
 DN 20325333 PubMed ID: 10866666  
 TI ATF6 as a transcription activator of the endoplasmic reticulum stress  
 element: thapsigargin stress-induced changes and synergistic interactions  
 with NF-Y and YY1.  
 AU Li M; Baumeister P; Roy B; Phan T; Foti D; Luo S; Lee A S  
 CS Department of Biochemistry and Molecular Biology, and the USC/Norris  
 Comprehensive Cancer Center, Keck School of Medicine of the University of  
 Southern California, Los Angeles, California 90089-9176, USA.  
 NC CA27607 (NCI)  
 EY03040 (NEI)  
 SO MOLECULAR AND CELLULAR BIOLOGY, (2000 Jul) 20 (14) 5096-106.  
 Journal code: 8109087. ISSN: 0270-7306.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals

EM 200007  
ED Entered STN: 20000810  
Last Updated on STN: 20030218  
Entered Medline: 20000724

L5 ANSWER 28 OF 40 MEDLINE  
AN 2001090440 MEDLINE  
DN 20490771 PubMed ID: 11034898  
TI IRE1 and efferent signaling from the endoplasmic reticulum.  
AU Urano F; Bertolotti A; Ron D  
CS Skirball Institute of Biomolecular Medicine, New York University School of  
Medicine, New York, New York 10016, USA.  
NC DK47119 (NIDDK)  
ES08681 (NIEHS)  
SO JOURNAL OF CELL SCIENCE, (2000 Nov) 113 Pt 21 3697-702. Ref: 47  
Journal code: 0052457. ISSN: 0021-9533.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 200101  
ED Entered STN: 20010322  
Last Updated on STN: 20030211  
Entered Medline: 20010125

L5 ANSWER 29 OF 40 MEDLINE DUPLICATE 7  
AN 2001052898 MEDLINE  
DN 20523811 PubMed ID: 11069889  
TI The endoribonuclease activity of **mammalian IRE1**  
autoregulates its mRNA and is required for the unfolded protein response.  
AU Tirasophon W; Lee K; Callaghan B; Welihinda A; Kaufman R J  
CS Department of Biological Chemistry, University of Michigan Medical Center,  
Ann Arbor, Michigan 48109-0650, USA.  
SO GENES AND DEVELOPMENT, (2000 Nov 1) 14 (21) 2725-36.  
Journal code: 8711660. ISSN: 0890-9369.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200012  
ED Entered STN: 20010322  
Last Updated on STN: 20030211  
Entered Medline: 20001212

L5 ANSWER 30 OF 40 MEDLINE DUPLICATE 8  
AN 2000115960 MEDLINE  
DN 20115960 PubMed ID: 10650002  
TI Coupling of stress in the ER to activation of JNK protein kinases by  
transmembrane protein kinase IRE1.  
AU Urano F; Wang X; Bertolotti A; Zhang Y; Chung P; Harding H P; Ron D  
CS Skirball Institute of Biomolecular Medicine, Departments of Medicine, Cell  
Biology and the Kaplan Cancer Center, New York University Medical School,  
New York, NY 10016, USA.  
NC DK47119 (NIDDK)  
ES08681 (NIEHS)  
SO SCIENCE, (2000 Jan 28) 287 (5453) 664-6.  
Journal code: 0404511. ISSN: 0036-8075.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200002  
ED Entered STN: 20000309  
Last Updated on STN: 20020420  
Entered Medline: 20000218

L5 ANSWER 31 OF 40 MEDLINE

AN 2001063274 MEDLINE  
DN 20416201 PubMed ID: 10959833  
TI Role of presenilin in gamma-secretase cleavage of amyloid precursor protein.  
AU Xia W  
CS Department of Neurology, Harvard Medical School, School and Center for Neurologic Diseases, Brigham and Women's Hospital, 77 Avenue Louis Pasteur, Boston, MA 02115, USA.. xia@cnd.bwh.harvard.edu  
SO EXPERIMENTAL GERONTOLOGY, (2000 Jul) 35 (4) 453-60. Ref: 30  
Journal code: 0047061. ISSN: 0531-5565.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 200012  
ED Entered STN: 20010322  
Last Updated on STN: 20020420  
Entered Medline: 20001222

L5 ANSWER 32 OF 40 MEDLINE  
AN 2000155423 MEDLINE  
DN 20155423 PubMed ID: 10693756  
TI Regulated intramembrane proteolysis: a control mechanism conserved from bacteria to humans.  
AU Brown M S; Ye J; Rawson R B; Goldstein J L  
CS Department of Molecular Genetics, University of Texas Southwestern Medical Center, Dallas 75390-9046, USA.. mbrowl@mednet.swmed.edu  
NC HL20948 (NHLBI)  
SO CELL, (2000 Feb 18) 100 (4) 391-8. Ref: 53  
Journal code: 0413066. ISSN: 0092-8674.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 200003  
ED Entered STN: 20000327  
Last Updated on STN: 20020420  
Entered Medline: 20000316

L5 ANSWER 33 OF 40 MEDLINE  
AN 2000313073 MEDLINE  
DN 20313073 PubMed ID: 10854322  
TI Dynamic interaction of BiP and ER stress transducers in the unfolded-protein response.  
AU Bertolotti A; Zhang Y; Hendershot L M; Harding H P; Ron D  
CS Skirball Institute of Biomolecular Medicine, Departments of Medicine and Cell Biology and the Kaplan Cancer Center, New York University School of Medicine, New York, New York 10016, USA.  
NC DK47119 (NIDDK)  
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SO NATURE CELL BIOLOGY, (2000 Jun) 2 (6) 326-32.  
Journal code: 100890575. ISSN: 1465-7392.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
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FS Priority Journals  
EM 200007  
ED Entered STN: 20000728  
Last Updated on STN: 20020420  
Entered Medline: 20000717

L5 ANSWER 34 OF 40 MEDLINE  
AN 2001140446 MEDLINE  
DN 21066686 PubMed ID: 11146108  
TI Characterization of mouse Ire1 alpha: cloning, mRNA localization in the

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brain and functional analysis in a neural cell line.  
 AU Miyoshi K; Katayama T; Imaizumi K; Taniguchi M; Mori Y; Hitomi J; Yui D;  
 Manabe T; Gomi F; Yoneda T; Tohyama M  
 CS Department of Anatomy and Neuroscience, Graduate School of Medicine, Osaka  
 University, 2-2 Yamadaoka, Suita, Osaka 565-0871, Japan..  
 miyoshi@anat2.med.osaka-u.ac.jp  
 SO BRAIN RESEARCH. MOLECULAR BRAIN RESEARCH, (2000 Dec 28) 85 (1-2) 68-76.  
 Journal code: 8908640. ISSN: 0169-328X.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200103  
 ED Entered STN: 20010404  
 Last Updated on STN: 20020420  
 Entered Medline: 20010308

L5 ANSWER 35 OF 40 MEDLINE DUPLICATE 10  
 AN 2000084441 MEDLINE  
 DN 20084441 PubMed ID: 10619423  
 TI A role for presenilin-1 in nuclear accumulation of Irel  
 fragments and induction of the mammalian unfolded protein  
 response.  
 AU Niwa M; Sidrauski C; Kaufman R J; Walter P  
 CS Howard Hughes Medical Institute and Department of Biochemistry and  
 Biophysics University of California, School of Medicine, San Francisco  
 94143-0448, USA.  
 SO CELL, (1999 Dec 23) 99 (7) 691-702.  
 Journal code: 0413066. ISSN: 0092-8674.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200002  
 ED Entered STN: 20000209  
 Last Updated on STN: 20030218  
 Entered Medline: 20000201

L5 ANSWER 36 OF 40 MEDLINE  
 AN 2000426720 MEDLINE  
 DN 20056448 PubMed ID: 10587643  
 TI Presenilin-1 mutations downregulate the signalling pathway of the  
 unfolded-protein response.  
 AU Katayama T; Imaizumi K; Sato N; Miyoshi K; Kudo T; Hitomi J; Morihara T;  
 Yoneda T; Gomi F; Mori Y; Nakano Y; Takeda J; Tsuda T; Itoyama Y; Murayama  
 O; Takashima A; St George-Hyslop P; Takeda M; Tohyama M  
 CS Department of Anatomy and Neuroscience, Graduate School of Medicine, Osaka  
 University, 2-2 Yamadaoka, Suita, Osaka 565-0871, Japan.  
 SO NATURE CELL BIOLOGY, (1999 Dec) 1 (8) 479-85.  
 Journal code: 100890575. ISSN: 1465-7392.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200009  
 ED Entered STN: 20000922  
 Last Updated on STN: 20020420  
 Entered Medline: 20000908

L5 ANSWER 37 OF 40 MEDLINE DUPLICATE 11  
 AN 1999366842 MEDLINE  
 DN 99366842 PubMed ID: 10440230  
 TI The cellular response to protein misfolding in the endoplasmic reticulum.  
 AU Welihinda A A; Tirasophon W; Kaufman R J  
 CS Department of Biological Chemistry, The University of Michigan Medical  
 Center, Ann Arbor 48109-0650, USA.  
 SO GENE EXPRESSION, (1999) 7 (4-6) 293-300. Ref: 51  
 Journal code: 9200651. ISSN: 1052-2166.  
 CY United States

DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 199910  
ED Entered STN: 19991101  
Last Updated on STN: 19991101  
Entered Medline: 19991020

L5 ANSWER 38 OF 40 MEDLINE DUPLICATE 12  
AN 1998429494 MEDLINE  
DN 98429494 PubMed ID: 9755171  
TI Cloning of mammalian Irel reveals diversity in the ER  
stress responses.  
AU Wang X Z; Harding H P; Zhang Y; Jolicoeur E M; Kuroda M; Ron D  
CS Skirball Institute of Biomolecular Medicine, the Departments of Medicine,  
Cell Biology and the Kaplan Cancer Center, NYU Medical Center, New York,  
NY 10016, USA.  
NC CA73181 (NCI)  
DK47119 (NIDDK)  
ES08681 (NIEHS)  
SO EMBO JOURNAL, (1998 Oct 1) 17 (19) 5708-17.  
Journal code: 8208664. ISSN: 0261-4189.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AF071777  
EM 199811  
ED Entered STN: 19990106  
Last Updated on STN: 20030211  
Entered Medline: 19981123

L5 ANSWER 39 OF 40 MEDLINE DUPLICATE 13  
AN 1998301437 MEDLINE  
DN 98301437 PubMed ID: 9637683  
TI A stress response pathway from the endoplasmic reticulum to the nucleus  
requires a novel bifunctional protein kinase/endoribonuclease (  
Irelp) in mammalian cells.  
AU Tirasophon W; Welihinda A A; Kaufman R J  
CS Department of Biological Chemistry and the Howard Hughes Medical  
Institute, University of Michigan Medical Center, Ann Arbor, Michigan  
48109, USA.  
SO GENES AND DEVELOPMENT, (1998 Jun 15) 12 (12) 1812-24.  
Journal code: 8711660. ISSN: 0890-9369.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AF059198  
EM 199807  
ED Entered STN: 19980811  
Last Updated on STN: 20030218  
Entered Medline: 19980727

L5 ANSWER 40 OF 40 MEDLINE DUPLICATE 14  
AN 95113875 MEDLINE  
DN 95113875 PubMed ID: 7814417  
TI Requirement of tyrosine- and serine/threonine kinases in the  
transcriptional activation of the mammalian grp78/BiP promoter by  
thapsigargin.  
AU Cao X; Zhou Y; Lee A S  
CS Department of Biochemistry and Molecular Biology, University of Southern  
California School of Medicine, Los Angeles 90033-0800.  
NC R37 CA27607 (NCI)  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Jan 6) 270 (1) 494-502.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States

DT Journal; Article; (JOURNAL TICLE)  
LA English  
FS Priority Journals  
EM 199502  
ED Entered STN: 19950217  
Last Updated on STN: 19980206  
Entered Medline: 19950203

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